

Eaton 13157RD17B1

Catalog Number: 13157RD17B1

Eaton OEM Prism 18mm tubular photoelectric sensor, OEM Prism Series Tubular Photoelectric Sensor, Right Angle, Sensor distance: 24 In, Iso SS Relay, 80 mA at 132 Vac/110 mA at 132Vdc, 6.6 Ft. (2m) Cable input, 6.6 Ft. (2m)

General specifications



Product Name	Catalog Number
Eaton OEM Prism 18mm tubular photoelectric sensor	13157RD17B1
	UPC
	782113497556
Product Length/Depth	Product Height
0.47 in	2.6 in
Product Width	Product Weight
0.71 in	2.875 lb
Warranty	Compliances
3 year	Contact Manufacturer

Product specifications

Contact configuration

Isolated solid state relay

Switch type

Photoelectric

Cord length

79.2 ft

Maximum AC current

80 mA

Maximum DC current

110 mA

Operating temperature - min

-13 °F

Input voltage

10-30 Vdc

Connection

6.6 ft (2 m) cable

Cable type

Polyvinyl Chloride (PVC)

LED indicator

Output status: red

Enclosure material

Cable jacket: PVC

Lens: polycarbonate

Body: structural polyurethane foam

Operating mode

Diffuse reflective

Sensor type

Diffuse reflective

Contact Rating

80 mA at 132 Vac / 110 mA at 132Vdc

Operating temperature - max

131 °F

Environmental rating

NEMA 1, NEMA 3, NEMA 4, NEMA 4X, NEMA 6, NEMA 6P,
NEMA 12, NEMA 13

Resources

Catalogs

[Eaton's Volume 8—Sensing Solutions](#)

Specifications and datasheets

[Eaton Specification Sheet - 13157RD17B1](#)

Protection

Current limited for loads less than 32 Vac/dc



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